

ABSTRACT

1 A brewing apparatus, such as a coffeemaker, including a
2 hot water heater; a first temperature sensor connected to
3 the hot water heater; a second temperature sensor
4 connected to either a cold water inlet to the heater or a
5 hot water outlet from the heater; a pump connected to the
6 cold water inlet for supplying water to the heater; and a
7 controller coupled to the pump and the sensors. The pump
8 is a variable speed pump. The controller is adapted to
9 adjust the speed of the pump based upon signals from the
10 sensors.